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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/708,132

02/09/2004

Alan J. Krebs

71189-1584

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20915

7590

02/06/2009

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EXAMINER

GRAHAM, GARY K

ART UNIT

PAPER NUMBER

3727

MAIL DATE

DELIVERY MODE

02/06/2009

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Advisory Action</b> <b>Before the Filing of an Appeal Brief</b>	<b>Application No.</b> 10/708,132	<b>Applicant(s)</b> KREBS, ALAN J.	
	<b>Examiner</b> Gary K. Graham	<b>Art Unit</b> 3727	

**--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

THE REPLY FILED 05 January 2009 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.  
 b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on \_\_\_\_\_. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

#### AMENDMENTS

3. ☐ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because  
 (a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);  
 (b) ☐ They raise the issue of new matter (see NOTE below);  
 (c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  
 (d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: \_\_\_\_\_. (See 37 CFR 1.116 and 41.33(a)).

4. ☒ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).  
 5. ☐ Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.  
 6. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  
 7. ☒ For purposes of appeal, the proposed amendment(s): a) ☒ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  
 The status of the claim(s) is (or will be) as follows:  
 Claim(s) allowed: 14-19, 26 and 33.  
 Claim(s) objected to: 3-5 and 28-31.  
 Claim(s) rejected: 6-12, 20, 21, 25, 27, 32 and 34.  
 Claim(s) withdrawn from consideration: \_\_\_\_\_.

#### AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).  
 9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).  
 10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

#### REQUEST FOR RECONSIDERATION/OTHER

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:  
See Continuation Sheet.  
 12. ☐ Note the attached Information *Disclosure Statement*(s). (PTO/SB/08) Paper No(s). \_\_\_\_\_  
 13. ☐ Other: \_\_\_\_\_.

/Gary K Graham/  
 Primary Examiner, Art Unit 3727

Continuation of 11. does NOT place the application in condition for allowance because: Initially, it is noted that while applicant appears to set forth that there is both an amendment and response to the final office action, there does not appear any amendments to the claims. Therefore, it does not appear appropriate to enter the amendment since no changes seem to have been made. Clarification is requested as to whether the claims are/were to be amended or not. Applicant's discussion of the Sloan reference has been considered, but such is not persuasive. As set forth in the office action, the storage body (18 or 36) of Sloan associated with the head is "adapted" to store thermal energy and to release such. Both of these components will have fluid therein that can release energy over time. As set forth in the action, such energy can come from a heated fluid that is within the plenum (18) or the sponge (36). Further, note that the plenum itself could act as a component maintained within the sponge storage body that could also release energy stored therein. For example, if the device of Sloan is moved from a warm or hot room of a house to a cooler room, the "heated" plenum would act as a storage body that would release its heat energy to the sponge and eventually the room the device is in. Thus, the plenum would carry out an exothermic process. Applicant's argument that the plenum or sponge of Sloan is not a thermal storage body is noted but not persuasive. It appears that the bodies of Sloan can store and release energy, at least to the extent claimed. Applicant argues that Sloan cannot "store" thermal energy. However, no particulars of how long or to what extent such energy has to be stored has been claimed. Applicant's argument that the claimed exothermic process is a phase change or chemical reaction or a liquid phase of a heat active fluid and a solid suspended in a liquid phase or can be a gel that includes a water-soluble humectant is noted. However, it appears claims that are directed to such specific exothermic process have been indicated as allowable. Applicant's discussion of exothermic process requiring a transformation is noted. However, such "transformation" can merely be an object changing temperature. There is no requirement of chemical transformation.